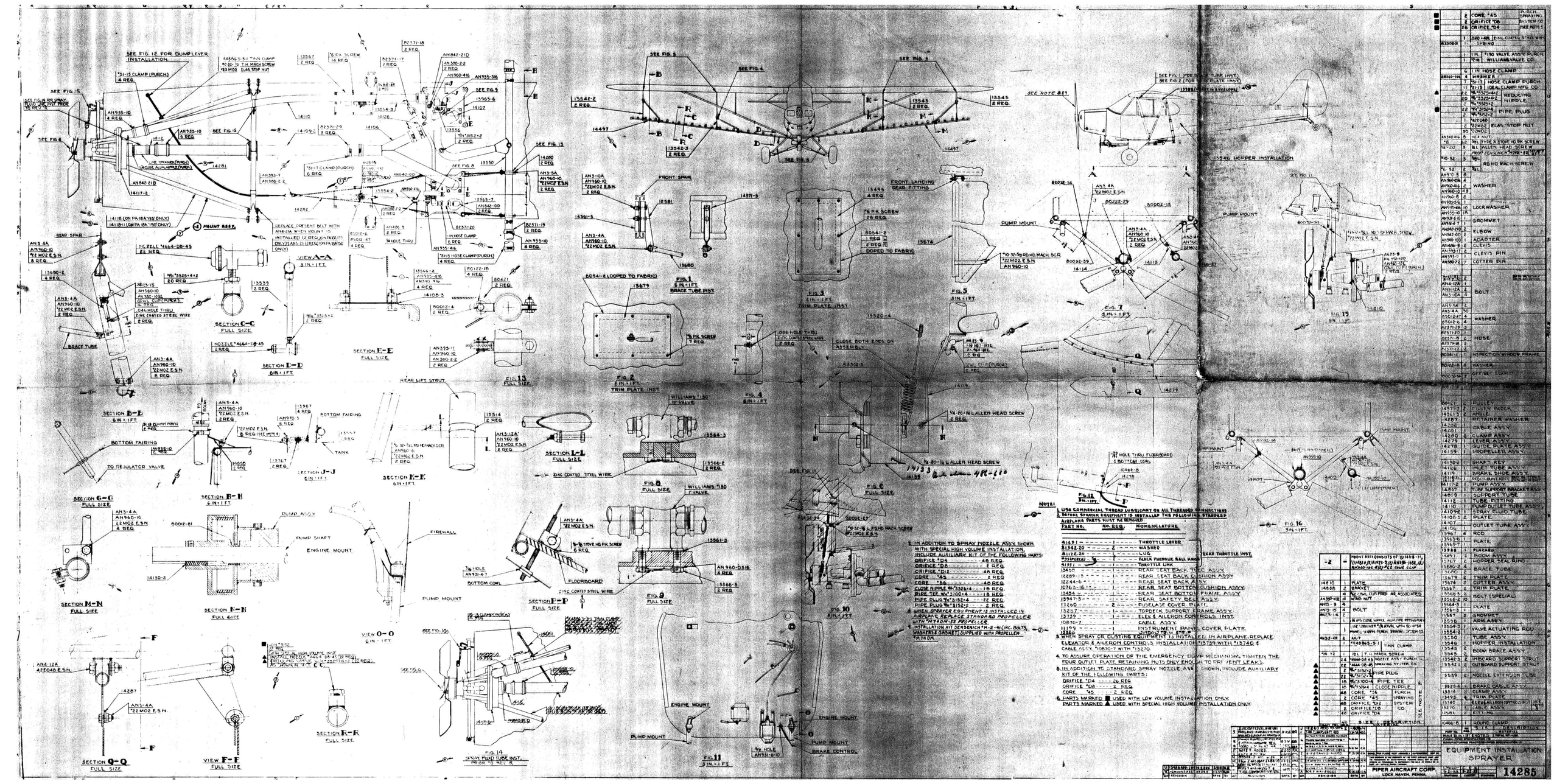
SEE FIG. 12 FOR DUMP LEVER INSTALLATION.
SEE FIG. 15
SEE FIG. 6
SEE FIG. 16
SEE FIG. 5
SEE FIG. 4
SEE FIG. 8
SEE FIG. 9
SEE FIG. 13
SEE NOTE #19
13585 HOPPER INSTALLATION
MOUNT ASSY.
BRACE TUBE
REAR SPAR
PUMP MOUNT
FRONT SPAR
FRONT LANDING GEAR FITTING
BRACE TUBE INST.
TRIM PLATE INST.
WILLIAMS 1150 1/2" VALVE
WILLIAMS 1180 1" VALVE
REAR LIFT STRUT
BOTTOM FAIRING
TO REGULATOR VALVE
TANK
FIREWALL
PUMP ASSY.
PUMP SHAFT
ENGINE MOUNT
FLOORBOARD
ZINC COATED STEEL WIRE
BRAKE CONTROL
SECTION A-A
SECTION B-B
SECTION C-C
SECTION D-D
SECTION E-E
SECTION F-F
SECTION G-G
SECTION H-H
SECTION J-J
SECTION K-K
SECTION L-L
SECTION M-N
SECTION N-N
SECTION O-O
SECTION P-P
SECTION Q-Q
SECTION R-R
VIEW A-A
VIEW E-E
VIEW F-F
FIG. 1 BRACE TUBE INST.
FIG. 2 TRIM PLATE INST.
FIG. 3 TRIM PLATE INST.
FIG. 4
FIG. 5
FIG. 6
FIG. 7
FIG. 8
FIG. 9
FIG. 10
FIG. 11
FIG. 12
FIG. 13
FIG. 14 SPRAY FLUID TUBE INST. PRIOR TO NOTE 8
FIG. 15
FIG. 16
NOTES:
1. USE COMMERCIAL THREAD LUBRICANT ON ALL THREADED CONNECTIONS
2. BEFORE SPRAYER EQUIPMENT IS INSTALLED THE FOLLOWING STANDARD AIRPLANE PARTS MUST BE REMOVED
PART NO. NO. REQ. NOMENCLATURE
4149-1 1 THROTTLE LEVER
AN960-10 2 WASHER
4117-20 1 LUG
*3109C60-5 1 BLACK PHENOLIC BALL KNOB
4135-1 1 THROTTLE LINK
13435-1 1 REAR SEAT BACK TUBE ASSY.
12689-15 1 REAR SEAT BACK CUSHION ASSY.
12844-6 1 REAR SEAT BACK ASSY.
1076-5-16-1 1 REAR SEAT BOTTOM CUSHION ASSY.
13454-1 1 REAR SEAT BOTTOM FRAME ASSY.
13947-5 1 REAR SAFETY BELT ASSY.
13260 2 FUSELAGE COVER PLATE
13257 1 TORQUE SUPPORT FRAME ASSY.
13759 1 ELEV. & AILERON CONTROLS INST.
10870-7 1 CABLE ASSY.
13197 1 INSTRUMENT PANEL COVER PLATE
13260 1 WINDOW TRIM ASSY.
AN3-4A 1 BOLT
MS20853-5-1 1 TINN CLAMP
*10-32 1 RH. T.H. MACH. SCREW
*4666-08-43 NOZZLE ASSY. PURCH.
4666-08-40 SPRAYING SYSTEM CO.
*3326-4-2 PIPE PLUG
*3152-4 PIPE TEE
*3504-4 CLOSE NIPPLE
CORE *26 PURCH.
CORE *45 SPRAYING
ORIFICE *D82 SYSTEM
ORIFICE *D6 CO.
ORIFICE *D4
3. WHEN SPRAY OR DUSTING EQUIPMENT IS INSTALLED IN AIRPLANE, REPLACE ELEVATOR & AILERON CONTROLS INSTALLATION *13759 WITH *13740 & CABLE ASSY. *10870-7 WITH *13270.
4. TO ASSURE OPERATION OF THE EMERGENCY DUMP MECHANISM, TIGHTEN THE FOUR OUTLET PLATE RETAINING NUTS ONLY ENOUGH TO PREVENT LEAKS.
5. IN ADDITION TO STANDARD SPRAY NOZZLE ASSY. SHOWN, INCLUDE AUXILIARY KIT OF THE FOLLOWING PARTS:
ORIFICE *D4 ---- 24 REQ
ORIFICE *D8 ---- 2 REQ
CORE *26 ---- 2 REQ
6. PARTS MOUNTED ▲ USED WITH LOW VOLUME INSTALLATION ONLY.
PARTS MARKED ▲ USED WITH SPECIAL HIGH VOLUME INSTALLATION ONLY.
*2 CORE *45 SPRAYING
*2 ORIFICE *D8 SYSTEM
*26 ORIFICE *D4 SEE NOTE 5
1 040 x 081 STNLS. STEEL WIRE
1 SPRING
1 IN. *150 VALVE ASSY PURCH.
*1 IN WILLIAMS VALVE CO.
1 IN. HOSE CLAMP
4 WASHER
*10-17 HOSE CLAMP PURCH.
10-15 IDEAL CLAMP MFG. CO.
2 *3152-4x2 REDUCING NIPPLE
20 *3325-4x2
*3504-2
2 *3504-4 PIPE PLUG
2 *3504-2
1 *27060
2 *22M02 ELAS. STOP NUT
50 *22M02
6 HEX NUT
3/8 NEL FLYER STOVE HD BK SCREW
3 NEL ALLEN HEAD SCREW
PROP GOVERNOR *1776-82 & 7
3 NEL RD HD MACH. SCREW
6 NEL
8
4
4 WASHER
4
4 BOLT
4
50
4 WASHER
3
3 HOSE
2
1 INSPECTION WINDOW FRAME
4 WASHER
1 OFF SET CLAMP
1
1
1 PULLEY
1 STRIP BLOCK
1 ANGLE
1 FT. TRIMER WASHER
1
1 CABLE ASSY
1 CLAMP ASSY
1 LEVER ASSY
1 GUIDE PLATE ASSY
1 PROPELLER ASSY.
1
1 SHAFT KEY
1 TUBE FITTING ASSY.
1 BRAKE SHOE ASSY.
1 POSITIONING ROD ASSY.
1 PUMP ASSY.
1 TUBE SUPPORT BRACKET ASS
1 SUPPORT TUBE
1 TUBE FITTING
1 PUMP OUTLET TUBE ASSY.
1 SPRAY FLUID TUBE
1 PLATE
1 OUTLET TUBE ASSY.
4 ROD
1 PLATE
1
1 PLACARD
2 BOOM ASSY.
2 HOPPER SEAL RING
2 BRACE TUBE
2
2 TRIM PLATE
2 CUTTER ASSY.
2 TRIM PLATE
2 BOLT (SPECIAL)
10 GROMMET
1 ARM ASSY.
1 VALVE ACTUATING ROD
1
1 TUBE ASSY.
2 HOPPER INSTALLATION
2 BOOM BRACE ASSY.
2 INBOARD SUPPORT STRUT
2 OUTBOARD SUPPORT STRUT
6 NOZZLE EXTENSION CLSD
1
1 BRAKE CABLE ASSY.
2 CLAMP ASSY.
2 TRIM PLATE
6 ELEV. & AILERON OPTIONAL INST.
1 CABLE ASSY.
1 FITTING
6 HOSE CLAMP
-2 = MOUNT ASSY CONSISTS OF (1) 1618-11, (1) 1618-12 AND (2) 1618-10 -11, -12, AND -10 ARE LEFT HAND
1618-10 1 PLATE
1618-11 2 BRACKET
1618-12 1 PLATE
AN960-416 2 WASHER
AN73-9 4 BOLT
AN4-12A 4
AN3-10A 4
AN960-10 4 WASHER
AN960-8 4
AN970-3 4 WASHER
AN315-8D 4 NUT
AN4-12A 4 BOLT
AN3-10A 4
AN960-10 4 WASHER
AN960-8 4